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## United States Patent [19]

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[54] POLYMERS FOR ELECTROLUMINESCENT DEVICES

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[58] Field of Search 257/40, 13, 103; 313/504

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## [57] ABSTRACT

This invention provides semiconductive conjugated polymers incorporating electron-withdrawing groups for use in electroluminescent devices, methods for their manufacture, and electroluminescent devices incorporating the polymers. The electron-withdrawing group is conjugatively linked to the polymer chain and is selected so that the polymer exhibits electroluminescence upon application of an electric field to a layer thereof.

39 Claims, 11 Drawing Sheets

